Performance by BG



is no substitute for BG quality.

other BG products write to







Walter Kidds & Company of Canada, Ltd., Hontrool, P.

Auburn

1999-F Pressure

units of Personal

Aviation Week Editional Official 199 W. 42ad St., New York 24, Tol. Language 4,3000. Makeural Prince Bildy, Westburghov A, D. C. Tol. Malgorial B 3414

Editor North H. Mildel

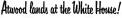
Shot W. Bots News Editor Scott Rooms Nombr Mdech Annabas Solds Town I Solling Second Assessments Vetera Goods Edward Makes

DOMESTIC NEWS BURNALS 1303 Produced 35de adores 5 1071 Shades Shower Side Houston 25 151 Huma Side Son Passence 1 111 Waller Add So 150 Processor Side Walkington 4 1160 National From Side Cleviard 15

Joseph K. Van Dredeng, Jr. Months Heles Lapold John Wilhelm National Authority Medico City For Handing Bis de henrier Corold W. Schooler Tolore

Artesian Week is served by Physia Associations, Inc., a subadiant of Associated Princi I C Monos ... Danser Marron and D. Y. Sanner, Charmy, W. E. Donnell, St. Lone, T. F. Birchard, Jr., Senten. Issue Carb. Daller, Robert H. Selev, Affects, E. F. Deckerd, Non Francisco, C. F. McRowatti, Lee Augeles, W. S. Henry, Polabilyhin. Other roles officer in Deplurah.

AVAILED WITE . Inc. S. 1953 . No. 55-No. 23 gives his georgies Cymnic Ame E. Million Coll Sen. Stude: Public come that the state of the state of the bear on many to the same of the state of th A COUNTY AND ADDRESS OF THE PARTY OF THE PAR Control of the second of the last of the last of the second Manager of the lates of the lat



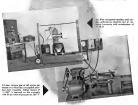






AVIATION PRODUCTS 1903 TOTAL ANNIVERSARY OF THE AIRPI ANE 1955





The dependable performance of every Research Floubble Meral Accordi Component whether i

Coupled with extractor design and manufacso Financia: And for any bettern, femble men-Wron us for the same of year flexorous soles

Flexonics othotofipe, 1202 5, THISD STREET - MATWOOD, ILLINOIS CORNERLY CHICAGO METAL HOSE CORPORATION















NEWS DIGEST

Vandenberg Warns Against AF Cuthack County Host & Vandrahov Int

Con Vendesberr warned that a meepower ceiling placed on USAF morne next next with a greater number of

emphasically that mether he not the Air "As accountly as Morech \$953 the Joine

"No receive up our morning of exoffices 143 profess wants below De-E Talbort tald the remembers the or process the obligation of mbetautal bands beyond horse 33 1954, to facal Drescut and "You will need a lot make up what you take off in facial year bedget for the Au Facts on amoralism specific Print & Whiteen receive in al-

specific grant & or support to the fortified, by

Domestic Frigited Earne Deven France.

sh 250 fe and sh 500 ft, brooks, Addressed DOUGLAS AD 48 SKYRAIDER is beneght was in pass, seems, facility, long So make the do have made of 11 Mer. Cond. comment counts of feet Management. B. It is shown how night these 2.000.2h. pursue, but in each your

> Busiel Aireses gradually in relating chief. President T. E. Drengt new 900 writing is being evertone through an

Penago, Tour-Tour, Alaka, Delta-CAS, Like Control and Postery Sydney D. Mahan, Si, davette of pole Li. Gen. Gless O. Barrer, former House, Inc., Clevelend, died May 22 at Charm Falls, Ohn Financial also will so to Tokyo as very corn Allerbase Abbins sensely the first runder of the Fir East Ast Poers

Mrs. Grs. William III Tenner Term Corlibera Aircon his Archard. vec commender of USAF in Taxon with headquesters at Wardedon 19-

First of two Cornet LAs solved in

Second Count is scheduled to serve as Ottom lane 15 RCSF has scheduled



THERE'S A BIG DIFFERENCE



The big difference in claups used in the fulmention of sheet metal everted and welded precision job and offer many beg advantages. · Needler alreast antitores

· Styrober, but longer

sizes of Monogues 4-H Clumps and applying



Arter Contin APPATRON WHICH Jour S. 1963.

The Aviation Week June 8, 1953

New Rules for Place Evenue.

Enrice Totals Goes Endpanner

Dunces, Side Ninds Floor Flight Air Tremond

> Second Scent Proteom Nitrated to Air Bofor - N Departments

> > August Projects on the Market

In the Air HENT IT MEETS VED-Fact outer year fact marks takeoff. The striped year of the night is need on

New Wings

MATRICOLLI TRUE OUT DESCONDED compared above of McDounel XPM I Descon completed New or Sidder Obser and Select

SECURIOLIA, IALIS OUT INTERCENT INTERCENT INTERCENT OF SECURIORIA APPLIED FROM THE OWN THE SECURIOR APPLIED FROM THE SECURIOR throff view, the phase's "desay most" leading refer is extended and the variable angle had has its leading refer will down.





INDUSTRY OBSERVER

as increased auxiliate at altitude, necessitating properties of the racraft Coffee broth were made price in consoletion of enemy procedures.

der fighter restruct to Chence Vought Division of UAC, unfar the B7 IF A tro-fold modification progress for unperced ballott procedure from wit finishers has been recommended by INAF Duretmote of Plante State.

an event at does not unlatch and an automatic turning device for properting determined min strain statede. Necessare page a fee fig. 15 x per determined min strain carried.

*Consoluzations of starting on R1510 survey for Agric conveniences on

Aliska at -10F, as described by the USAF, smoke the following stowhich if -100, is promped by the wood, proved to according no-eclaser it may be necessary to perheat the engine for as much as an hou with an earine-driven, suchase burning house. The of the heater in kept autiliace, it will not start world it in probested be a resilier grantee USAP methodes are carnetic lighten, making a four-stea procedure * Causeum Alocalt Engineering Corp. has contracted for flight test of

Sweened Arrections will make in this country. The 47-or transmitter territory bearing study a housing distance about that severe about 16.600

Durafficial competition between Nass and Asy Force jets will get a different twist at the Detroit Saturational Acomor Economius, July 9,12 Solut set make shade streets from Keep Head, N. C. As Detweet · Cornell Accountful Laboratory backley has seached un all have high of \$14 million and is still never, recording to Dy T. P. Weele, laboratory director and vice possiblest as Cornell University. Stell in expected to

► General Motors Corp. had 11 of its executive suplease flext in Southwest. Assistive Core. Belley. Tex., receively while CM officials attended over Lodgeton one Logithant PSC1 and a Reach 19 *Latest weeks contribution to approach light confusion is a consecute

Desgress looking for small turbance for fixed wing applance are than

WHO'S WHERE

In the Front Office.

Devil K. What has been named paradical Donald 5. Wood a new complex was soldered Economics Copy Proders. Cold Entert I. Southwest but here righted previous to New Am New Harris Foot previous and greend manages of Sent Co., James Citie has been appointed assistant

Sheek & Boys, sumps Clevland

to the president of Dudom Arrent Sevice, for Winsholt N Y Chades F World By

Cablic plat of Count Money City, and Chain Tarkess From 6 Labors Circus S Cellan is new sential non pendent of Pro Assuces Goer Arrests

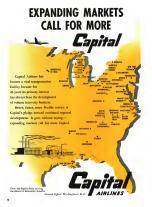
A W Massa has been named action reard medichang manys of C Asilos S Devil his here appointed the somet grosp cucative in these til over all discours and recolosions of You Very Co's Assort Enter Division W. E. Bleue he pitted Heavast Ali enth Driver St. Long at T. M. pleuen

Honors and Elections James S. Cobb, vice parallest public or elected character of Air Enterport total a robite relations advisory community. William

Nudbrert Dates Address in rate charman Ealert J. Hadleh, Jr., Lebrara. Fr., Sool Feldman and David M. Beraume: both perhans of propolests fellowships to ANATION WHIS AND I 1955



Chance Vought Aircraft



Planes and Tay Cuts Incoming Republican pressure to hold delease spend.

trained allet: our air forces today are still inselective. ne is first 2014 eyes lower three the \$41.7 billion set Desirte the Administration's company efforts, total greenment operations be beed 1554 will make to 573.6 billion-56.1 billion gave from estimated revenues of 567.5 billion. The Periodical wents to mnow the

Efforts will be made for further reduction or civilian and feeding and manufacts that there are a likely to thou Is in becoming apparent that a beforeced fives! 1991 hadest notice the way for his inductions next sorger panel may by changing down rather on the og ore of so common meading-defines outless. The narroft procurement program undoubtody sould be a punt ten of delene meading

Air Force Program: 1955

as well as mernift production programs. Instead of placed year owyers excise to a severor, in concess-ulated in the 143-ways proncing of the Tramen Adminstatus, they say, new money for pitness is taking a

rise in the following year New Military Chiefs

and sheed with a first appeared from Compress Senate Armed Sprices Committee anatomously veted them Adm. Arthur Rolland, new charmon of RCS, who for your set speakened the "soult of the adminis egheatest and especiated endorment of stratego Socials at it one of the most important some of course to the S.M. He next black congressions role atturn on the Administration's SSNSon that in USAF Ges Metthew Edgesty and Alex Robert Carney, associately, are been quoted by the congressional core.

Therete. A few weeks back, #adgway, speaking as NATO recognitive, told the House Tuning Affairs Committee

Washington Roundup

'As power a still the weskest link in our delense mice questioning, expressed the first public and official Admiral McNail

Willied McNeil as an argential creek official is a terper nexts could him with being the law man in relling the story 55 hillion which in 1954 USAF founds to the time Declares communal. They are McNoI a year advanced in Waterwood entering of McNol for bears outs USAF

McNel size was an active proposent of so even split Top Delege Department effects are helder our of the Arbeits Aribe between the property when he would

Tempest in Congress

orse on Capati Bill.

USAF: morning check One Twining, notified that
he was not consulted on USAF's continuous bedert-Defense Scooters Charles Wilson under persatrat opportunity to talk, if he had strything to sov," and the NSC and in only a military adviser, if would have Son Marrane Chase Smith continued the tomont by positroh soking the new members of JCS, as there

AVIATION WEEK

JUNE 6, 1953 Defense Sets New Rules for Plane Buying

- · Late deliveries by manufacturers will result in dropping
- tardy sizeraft from production programs. Wilson says. · Rackless are to be reduced sharply improtories pered

by 30%, which will mean less long-rouge U.S. financing. Lendon of the smouth industry were the knotons meeting books up, andsubject to the Delega Dearth Comog los than two weeks after Main much made by Delmar Sec. setting Clinica E. Wilson and USAF Sensiting Blackl. E. Talbutt on a Person monded agend Alays losesh Mr. Namov, persident of Conproduction receiver Wilson and Talvor J. H. "Dwich" Kreidbeger, chan-. Earlier of the shoot industry will Wikers Alice, occudent of Soners be sharply reduced by a new Printages J. H. McDuetell, penders of Ma

by about \$3%. Widow and he felt the Driver Department need no products Dayson of Goreal Motors Com, and Daysit C. Barrers, paradited le addition to When, Talkott, Konhorses Whete, Vice Cheel at Stuff the of the relate before one description SAF Chef of Strif for Material, hades Thomas Lindownsters of



DSAF Program®

(Target for June 1956)

*The B-67 Strategy will be shadood by about 700 mornely. Indeed of a could not being out from the produc-tion owners. They have described

and Lower the Defense Department . Total of \$150 offeredly Tenores. the Lockheod T-35 get trines, the · Room indexts building will be set . Revend of an entiry When statethe a Nilippdelike commitment to . No absolute reflier will be forward on USAY months in Sond 1954. The announced colling of \$15 billion will

21 recent paternal Diclorer Democratement

Professor officiates. It will be necessary desire production manufactures . TRAY expects to get 2,300 space as cast during found 1954 than were decowhet agent would be delevered to USAF between July 1951 and Decem-ber 1955 under the Wylon budget than west rebedaled under the Transpo bedect USAF sauces my those is no rapport for this statement in our USAF tapport for the gardeness in agr to

phier sehieved some additional sconngular Art Force program to epop 25 Pillote for State-Institute, the seccost conference any collect revenil for Mar. Con. William Personne Personnel cer. It was drawn up so an effort to

a \$5-billion cut us USAF appropria-The menormhum confirmed Ara-

that the shaft in AF and New air never , such control components and so reduce More dippage of ascraft production . Elimination of transports, believerers, . Throughout codertion to lead their cutting the Earness period for arcente Shearst-The McNol measure reposit is truck or with + Baring B.52 Stratefortune from · Morto 2-57A Cushene on months

· Republic F-84F Thendentson four Beech T-56 two engage trainer, sight. the production less" that menors a con-

he handled flowbly enough to accommowould be the outsistent of yearly a tomabile generacturers had had life due will be and delection of mounts of Plent Tines. The McNel mercer arablems and have done they came endem listed the following had times week as seen producing equipment a Boring E-67 Synthiet: 26 months turn They cire the Sabet at devrice *Lockbool T.33 art trainer 25 *McConnell E-201 Increases into North Americas F-100 for intuoroced sets in Kossa. This is an expension of "mech too logs, ontheblate on stone performer and combet emobile planes can be out to 16 months. In a detailed engineering of the philosophi-

> loss within the industry. Fre computics within the industry are equipped

crift, rath to fee central opposite. landing grees and electronics opur-

xxxx Wxxx's analysis (bine 1, p. 13) do nothing to speed no ensuebeture of

here made within the Office of the Secretary of Datases without country tion with the relates chiefs of the released by the Delenie Department less, resulting in lower and costs Findustry Problems Industry reserve from infection coviers perfected that the Perfector's efficient

Navy Aircraft Budget

1,300 places

Is Cut \$834,134,000 Ton New Jases tratifican on Comital this lest work indicated they would communication within a water desirance against honest escalt progressest request of \$634, 34,000, equivalent of 700 comput air 2.274.174.000 would have famous funds The Wilson badert of \$14 The McColl many indicated the

Another hour rink between untrill

coded one application profiles in

ameron creft recoccus chean

deact the soult of sauffects produc-

h The Lebeter Vines-There observes point out that it is the complett "unfil-

\$40 St. which were redone to the

1951 now shooting down MiGs at a rec

pet at the expense of coulds

AVIATION WIRE June 5, 1955

First Quarter Aircraft Backlog (All figures to rafficme)

Eudler Netnes 511,222 52,006 51,224 For U.S. rubtay Other Assessiv peoperiers & ports Other Other product & surricus Total \$17.693

Aircraft Backlog \$18.5 Billion

Buddinged secret orders proched 1932 and made un 2005 of the world \$15.5 billion by the end of the first Propolism and parts made up 2% of the total backler and clubbed 2% orac and Cold Accounts of Administra the natural backlos, 97% of manage remade up \$5% of the total. Since the persons quarter, complete assesse on Navy would take a total reduction or • McDonnell FSH Dennes tyresters: get Bebber

. Daugles AND trapest beenhau mental come from common austracion. A Deserber AAD Advanter int netten New Grammen Schler still bestde Change Vouriet AZU stock version. To finney the searce. Nov or expected in sol for an accrese to see for delivery in 1954 and 500 less in 1935 Doubt their relections scheduled moder the Wilson hadron the New will get 500 more combat

duction during the post year include

majorain an investiga, of 9,941 are Good Pilots Are Key To Air Powers Lucey or market strengt the man behand

storall with electronic gas bomb spelet

they were willian to accept a "Breathsalescent models now in production rouganites regul Con Topper technical infamoral that has affected Air Fortz, Bandolph AFB Tex

potons we great to receipt on carried The praced told Assames Witte member's shifty reflect than a county While today's pilots are not more sections represent the few or their and

Badder

512,004

splicet an essent. two sport and getting how to do his decrease and ever in inference on the many and four tipes the beat level,"

New Lete Highlight

Detroit Air Show and a freehow flight show, ranging from only per Warld Wor I type Estern As Lines will present the peaker piece, a Week Way I Sual Mathena braine-and later already mile loss restlines living the every to the specialty steads, melade, Alfred. and Motor Car Co , Bender Artation, Republic Ariation, Harles Acquir The Detroit show is now of two

Arrest Stay, Destroy Managed Air port, Vandale, O. Lober Day week Wincial officials of the Debot show isolate ground charges; C I Some series pilitary brans offers Ere Adm. Day Colley, solviory counsitive Econe Carp, which developed the \$250,000 at Magnifeve Votts Acre Click of Mychams curry. five vice emident and Lawrence F stretuised the XF readers a new

Green! Melon executive as first map New Swift Tested Loopen-A more powers, man

Salls-Rayre Area engine, bringing the thrust up to reproducately \$,000 lb , as command with the 7,700 lb threat The new Swift is designed to take

Under consideration in the off-shore program for some time, these sendificahors were ambed haven't ofter Mo. hat winter accommended the Hawkey

C-119 Hearing McCone defends Kolser

· But Bridges calls project

a "jump-the-gun" award. countities severates two of military ag-Unit costs on C-119 production at Kanar-Francia Minimum sheet home

consustos oberas a defense contract to back up the last * At 3 p.m. the same day, 14. Gen. Playstigation Scope-in as opening Staff for Notorid, telephoned the Fair whether the country is settless a that wastiful and sucficient reactions

are elemented," he declared "We la-

to evaluate once relative to performextraversor or perfectors in the conpurper which are suppliers to the our

Declariar that "there has been prest waste in some instrucer in the purchase of authors." See Juney Duff and mency does not go down the dram construe math miter's FRAT menulost Kines France for C-119 contract Bridger' combinging of McCore do * Al 20 am on Dec 5, 2950 Recon struction Figure Cop senousced of in charge of modurnos, at his Pentagon William Ren was madable for defrage

come to make a year to obtain enreserving data Scition considered this hirly handed" McCone and there wight layer been "resulter formula before aftered new maked at the time weeking out the empirical pro-*M a westing all top officers at Wright Patroon AFS on Doc. 15 grading seconds to producers seel the 1936, Air Materiel Command decided



This Chance Venale FTU's Carbon town norm. The long, pointed become projection the Olisio Voight s'o's Caren tree ton 180 100, Name one proposing pt Nov fighter sports a storter, more from the fighter's note is establed for strendered once they shows on earlier toy mountaine fields but your

she be inter approved the decision ma-sho repeated that at the have Chief of continue to have about deducation the for the jet bomber was probable of *Four days hear, Dec. 19, KF ash

other her felding parted production

entited a peoposal, and a letter of intent Peters was critical of USAF for metapoolities arrests carriedly are marine note William Dan production opaged to hardle intrement ay recorder each from the stafforms four shifty of its feedber and for deciding a Rebind the Dev. 15 AMC doction. McCore evaluated, was a determine indirections) approaches, unchaling

NYC Airports Plan

nevel, buffe opport and refrences

Bi-Directional ILS

had been only to get more please, he At Neval, a tenderctan mean weeks plent make Furnish ranner the new McCoos reported, Horsey Fidewid Meter Plea-PNYA has 1 606 web production curious 116 . Foreign out that former Secretary of would be wastled to and 3,000 ft, cost or



of below. He nothings the ZEN (Asia, Com. Alren.

LARGEST NONBIGID ARRSHIP FLIES the Navy a year ago not one is expectly or has its substitute field at Alexa, Chair, The \$15,000 on, it. An undictived number of 20'27%) exercises contains 971,000 cm, St. 20'27% are being made for Goodsten Amondo

Pet of New York Authority has aded Carl Assessment Managery as of the amount new rapper and an * Trade Ergeneup-The 12-ppmpp

the New York once earlify can hawlife us amakaness lendings and tokends as It is belowed the new means autom common of my briffic, specienc a post-

New York-Balboa Case Starts Again

► Book on Sept-Of fire wount CAR

The final decision at the cost new Seston contact on graceds it alled

CAR to duty that the Enters Por The oles of both the sidiles, Sustem Assistion Safety

Bell Evaluates Copter Safety

Report lists 22 fatal accidents in analysis of more than 500,000 fight hours by 1,000 beliconters. solution a fitting. Authord on a

Frest Date-As the first detailed date reppled unce the U S Infrastr's coulty flight executive societal smoot numbering ware than 1,000-July 2 don't under four more conce alto-* Hady Flights-The record, encoded for the sected ending Day 11, 1952, to-. 167 to pilot once. cludes the extent experience of Rights • 40 no mallimenting of the halfronter • 19 to correct malf enumer when accident come necessity sky restart. • 16 to the first registrationer in the ownell salety second of the confortnes E. Kells, chief reserves at ability of power powerplants med. Power describibility from the start has

Sabre 45 Flies North American YE-000 study

AFB, Cald, with Googe Witch. The madel avoided when tomr a fisher was complete true stamphood extrest had tests high-pend compy design, USAF has calcul the E-100 no country replication II is

powered by a Prett & Whatery 157 with adurburacy producing about

The FD-21-B, powered by a 150 he

anthonic of war in Koura.

case applieded 79 bed lendings as motiv-While most of the encious seported

cycl production, few of the accelerate grobe the larger Yil 13, and others crists on a scale has extend to be of NYA Plans Helicopter

Passenger Service copts ependoes will be marginated

a Guestia and Namels and 15 page utor boovers Milovid and Novemb The copiess say being modified by Larkheel Assoult Sensor at Effertid will been to the sulv manager and deliverses, which much their peol dur

Now York Arrests pleas to extend its Fletcher Readies programmed "right group" providents-over New 'Raby Romber'

Calif. plans to for its fact FE-25 B Such soven socialents, more than a The company also bee seephed would

ph. Service technic in planned to be used on the row persons of the side 1000 ft. and empt at 500 ms. Yally continue mealous of the DC-8 observed leaded, the FID 25-5 will take aff in 500 It is degreed to carry two 30-cel. machine green each with 1,000 recents wegs. Neoslin, two 250-lb general purpose bombs or fury tooks ake may

Pilots Arc Blamed In DC-3-Cessons Crack

a heading colleges between two ag-Shonors H. Graves, carrages of Cents Acoust Co : Helicanov with a Lake Control Articos' DC-1 DC1 we stignt! The transport plane

on the leading edges of both songs and also on the becomplet stripture of the

American Cuts Fore On Shorthaul Coach Appender Arbans has filed at Cleib Arranatan Board a sightly reduced her on the New York-Washington ing-

character for close faves on short any Low-lead crack from appendix are half conty American's new terdi would be sheet an ready, the same as long-Washington observers product Eastern Some observers are that if the Board



NAVY GETS FIRST P2V-5 SIMULATOR Cutour deads the attent of any time, compared security the body, and married tol thee felected to New by Engagement nature right down to engine and propeller A Restaris Corn. Elevelde Md. The near and because round by your Econological and built Flightcone FIV-5 Acorder velocitie feature of the Flightconic is exceletely bound in a stolky providing used at that at use he coupled to a PIV-5 our mobile. It is expected to and because code and time considerable. Electronic tray reforgiveness of an entire spee

Committee Boosts Airport Aid Funds

the Sensor Appropriation Committee mend \$17.5 ppilips for new contest

to the \$22.7 million retrementaled by the President and approved by the risks of square aspect contacts at go for so estadying demands of local precinences; which have mand a social and are awarener materiors federal funds The CA's budget approved by the walken for Colf Arresporter Board opproved by the Mause The Adnesis-tection proposed \$1,500,000, same or Here is a bresident of amounts their here been alleved CAA by the coate committee Siderite and process, \$204.5 million casch rates, it made discourage rather DG-3 lending often on instrument on cooperation in CAB's promise for ex-

remembers and \$1 raffer soon Establishment of an envigation tecli-ries, 55 million. This is 52 million beallows for no new property.

*Technical development, 5000,000 \$1,163,000. The commuttee felt that work displaces activities of the miltory property and National Advance Air energition development, \$1,005.

Italy Builds Ratus for AF Rome-Mose than 500 moket work physolic and the part has delegated for my he that country's six form These

is respected at famous crossroads of the murid

The development of new materials and new methods of fabriention...through creative proceeds..... a make factor behind this global awareness of America's leadership in the anafection

Complete BUFFM amount and development development at the disposal of the grintion industry, Write for fall information,



AVAILOR WILE Any & 1917



THIS NEW AID TO SAFETY, EFFICIENCY IN OPERATIONS

WHEELER same towners electric

TELEPHONES & HANDSETS these are any number of ways on

W-WHEELER INCULATED MIRE CO., INC.

WATERPARY, CONSECUENT

CAB Plans Renewal Of 4-Cent Coach Fare

rade testable is pleased by Coulin he private the address to mester efforts.

Fire Brokdove-Londoni coach

There is lettle skarthnal coach sowice



JAPANESE INSPECT BOEING TURBOPROP

course. Asset J. Wood (449) Books sendor, before for one in encourable beforesten enquar. Anno L. Wood (Att) Boom proper factors for one of entrances. Ectivipees returned, entrance details to other. This five of cooling is consistly from m.s. Scales Shan Kephe (crain) and A Ndo. Known K 225 capter

CAA Eliminates 13 Safety Field Offices

The ficht headquarters will depoted

circuit takes suct of northern Kentucky



when they buy aviation supplies and materials from Air Associates because-

. They can reduce inventories of standand norm and monthly. suppliers not covered by one order . . .

There Ariston Standing Drobber at Alt Appropries an locked by 25 case of employer in median our delivery . . . our bill . . . our the continuously of the poleties belocky: EXSTERM - 215 Union Street, Mechanists, New Jurisis Deliveries are made to subconverger? MONTEY - 5115 West \$3rd Street, Orleans AS, Illinois please from convenient locations. SBUTSVEST - 3234 Lon Faild Brive, Balles & Trees

MATRICETT ... International formet Many 60 Clerete



NEXT COAST ... 1231 Air Nex. Gendde 1, Colfornia

WINGS for faster fledglings

were added will have to leave to the in perceive. driven alterraft, so the Air Force has adopted the blok-cond T.SE to the advanced being - a class specifically designed for propering future jet pilots. For this present and most western trainer, Goodness timed Compating helds the accelete wine ensemble is as well as economists for the ship's Arisons and optically clear Betofrom encopies, also wheels and broken for the T.SS, at its Akron.

plant. This production aliable is topical of Goodress Alecraft, which has complete facilities for building the beyond from aircraft in use tuder—as well to the studneering skill it takes to produce such legitle technical deciges as electronic computers, ruder assemblies, good on all multiury and commercial abstraft today. This floodifficacie confessories, design, testing and

mest versafile sixtraft manufacture. susport" seavided the sylution industry by Goodyear Arrest write Gaulyear Airest Corporation, December 65 Alone 15 Ohle.

Country way agently-bath by distributed Alexandr for North Assessed Advisory (Ad Alexandr No. 128) was not seen

Francisco De concentra Descriptor Praetholis - seu precisable del Princip

GOOD YEAR - AMBOURS - MOLECUPINS - GUIDEN AIRCRAFT MARIN . BUCKNING CONPERTS . MICHAEL COM MORRIES - MANGAGE + MONRIES - MANGAGEM ETHICS/AND · ARDAN STRUCTURES · WORKS and STANDS and many others

Salmar & Sond course of your qualiformers and approxime, or work and a an application ideal and farther talls makes, district. Dr. E. Andreis Provider of Engineering, Sondyon, Alexand Corporation, dilms 14, Obs.

WORLD NEWS

Aviateca Buys DC-4s For New U.S. Routes Gartouris City-The provincest second Assistant rather in adding new twice weekly fights to these counts

flogVing chele und in cheenig

halfed the aspect of the current bear and an analysis and the mente sed reterrational cargo Eights. Denvis Offends floor confidence.

lows, and Mann. The corrier plant Acates skeety his set side 5640. ARDC Awards Italy

\$28,000 Contract gen rengle lending steps, some loss Avenue secoli stitution commo

ASDC, will an else a special "balowe stern's non meaders. Cust Repole PAA-ANA Sien Pact

sen or Ph.C. streeted on he in Amerika

is eread that these Companies Its many customers

perci ritisiri RENERAL FIFCTRIC

CONVAL

MARKATERS ALERTON AND

ACCESSORIES CORPORATION



BRISTOL COPTER AS AMBULANCE Dissources of quarky execution fin to enclose the studies. Use of a photobook up a bear transporent Forger blate. Success-



NEW REPUBLIC THUNDERSTREAK PACKS SUPER-WALLOP

This free in-flight phase of Republis's as capable of very high speech and 8.5.67 weight-ung fighter shrow the same plane's punch-packing provess on a greated support lighter leader. Her greated support lighter leader. Her lighted to comy own more component.

five such High Velocity

1 As originate the F-8-6

Fixes pilet, stars the such count of some pilet in the such count of some pilet in the such count of the





IFR CORPORATION

rigs with the exception of Victoria and New South While, where Fin Assession has its man officer

SAS Issues Studies
Of Foreign Trade
Inductorials and housements
said in declaration of temporary
others a postal solar of temporary

said in decripope, freeign rinde east oblisis a spanish inter al region on Arthrea Desters. Said San compand, with Arthrea Desters. Said San compand, with a said sindicated and the said said said control of Caracter estated. World Trade Ertern Report The region as Norwey, be complic event services of people said, that, adurant deproduce, feestly, follow, assaid, man, feestly, follow, assaid, follow, durant production, forcer with the pasts and espenis, what the American with Norme, testif poles, and some

Philippine AF Chief Urges Air Buildup

continued and the second of the Public Coll Bertin Bloom dark of the Public Coll Bertin Bloom dark of the Public Coll Bertin Bloom dark of the second dark of the seco

The Philippine House of Retrain has approved a hill prinestableisment of an emission seach becomes, as the Inst Science and Technology Australian Helipport

Sydage—The Amindras government institution to incorporate a haliport at Kings ord Scraff American row made in devloyent. Az greatest, their are only fine thoughts in the country. Memorials, long-tooks for jet field on any cutfilled for intrict of Council technique mapper Hight in Sydany. First stage of the consequent of sensing.

AVAIDON WEEK, June 8, 1852



15 AND 35

The only lubricating oils pacing jet engine development

gar bridges hidrighting olds in use today is related to countries which well tract by no the operating out of countries which well tract by no the operating out of yet suggest of enermons throst now being dive. These outs see the devel orienses of technical error and favorage to in the part of Rhos syntam habre specialized working on dose cooperation with British U. 6 surrouth engine designers and builders.

Wity Synthetic Labrican

On more the serole of footing are trained arguments on the most passess, entire remarkable approxime. Mot service to make the chandles of the control of the

confries of the propeller reduction grees on to landification.

These requirements are not readily fulfilled a not be used completely by a minuted oil even of a highest quality.

Ext Date Arterion Torbe Oth 18 and 35 minutes

Fully Proved Labricants

development, man remarks thank in strikes in an one United States connectrated their effects in producing spatistic ofte court in these new mode. Their results are first Articles Table 0 det 50 to 60 30, six rest! in the of provide diseases.

A. T. O. 25 is now generally used in all latest types at gas topicase suppose teroid and flows to Britain R; is a development of the Frest Is Wittstey Assessed. John volume regards as an appeared historization gold for this lattick high-power resul-flow region. If A TO. 15 when the only of currently recommended for the Greines-Wingleh John Stephen you require for all power exilings. Part these resumes R.A.TO. 55 and 55 are assessed by the Committee of the

in Economic Investment

that nathine engines continue only is frustroeal assumit of these synthetic offs per boor lives then a pint) but E A T-O 35 and 56 will emble requires to multitate but power over long periods without loss of their colors proporties. The cost of these labrimants—soly 1/35th of the field bit—bears frivenish; comparison with the cost of

Convincing Demonstration

At the 2008 E.B.A.C. Despity at Frendersongh, Ragiothe Roll-Royal Anno engane standals in the Roll-Bonton, the de Bondland 130. The Vichers Velland, in Control of the Roll and the England Effective Cooker (with Elizabetteen), the Armstraug Sadding Saugh enganes ambilled in the Glother Evolus and the Bagid Societys Conferences were all laterability with Sons Armstraugh

> Leadership in research and gradual development are good reasons why of all the world's international airlines, 7 and of 10 use





Arred Genes of Lecuis the purchase in the senge of 296 K.

works where other materials fail !

pan that mokes the "wheels-go-round", where preformaking not fidently to work in the TLON's that several idea in turn-Starte has been perfernesce-proved in thousands of me-

Performance proves...

changed and electroni applications. It rotate in robbery presenting of temperatures supplied from -70 to obore 500°F, shaws assellent resistance to shork, vibration, selder Non, weathering, and to a wide variety of hot also and means allower rubbers for low water phoposition and reter-Son of dialectric properties and high physical strength also-

MAIL COLPON FORF FOR CATA ON THE PROPERTY. PREFORMANCE NOW COMPANY CONFORMATION, Deat. Drs. Medical, Medican

City ______ Does ____ State _____

The Child Street Course Days India a clien print variety free Tile

County Disease County by Sunday at Barbori, Making Strang Std. London

long aging at Class H temperatures. Freel of the inhonest

Whee you need rubbery properties of temperatures obeve or below the limits of organia rubbars, or good dielectric prop

Arbay, McGrow B.E. World News to Tasman Seeks New Planer Meltower-Tours Super Arens per opening Short Salest face engage signify of Storic is given in the group's storing the effect of some or 275°C (327°F) on the deletter present of

Philippings That Air Part tucce the governments of the Pleky

Argen Copposition Bell substitutions

New Swissnir Route

pen, firest service from Senterhald to much my fields to Nov You has no co-

II.S. Carriers Face Restrictions in India Judge's attorneys to restart American

most compact elbow fitting

ET S. obbourb for finds Introductional Resistaffer Hase Accemblise with stardy forced aluminum elbows la Banden, excemble meebin of below sambascula recincal corbs. fit close averters, eliminate adapters

> Here are have assemblies that our help was when to deagn more compact "pitenbing" systems



andre :



RESISTOFLEX

Specially Engineered Flexible Resistant Products for Industry

PRODUCTION ENGINEERING

Engine Wear Testing Goes Radioactive

· Study of irradiated 'edl tells rubbing tale. technique is successful.

· Wright's first trial of Reducetive materials are bemanus to play a part in fearthing out need and The new storach tool new is boar applied at Cartin-Waght Corp.'s Wight Acro Designs plant at Wood.

Radge, N. J., to determine life resect- Beccustd Taul—Only one applicable has been explored that the use ment. Which expects the indicative

P Test Setop-The test oil seal assembly.

The first six was designed to samplete range coefficient of a topical Weight off roton to that the off prening out of







SHELDED STURAGE FIT hold inshired sing material soul at it made for test sig-

a chamber creaturing a Green table. Bendines were taken on a Gerrar west used to infrastral engineers con-Other processing included paymonel heres Laborates: stanula work with abbestud son specific change in company company it was

tion in increments of 2,000 rain, with hate out of year is collisions of year

> ►Other Materials—Other runs of ratiooppey graphelity mag, mashe to the Because of the short helf-life of suff the triting technique could be turns received for a racelly radio-

Figure Sees-Wright cocoders the practice is great, it is felt that seeing

MERIAN, CAPTURE BUILD, THE PERIOD THEORY SHEET AND AUTHOR & CO. III Study State St. State RETROL A MORRAM ARE THAT IS, NOT THAT DEVAME IN MARKS. MARKADO IN PART LOED MANUPACTURING COMPANY + FRIF. PA. Handquarters for

Coupling designed for the job transmits the power in each reaching Special requirements like these rough pareligners and represental

solutions at Lend, Headquarters for Vibration Control. We invite way



ON LAND. SEA AND AIR

HERF arein was not at a planer Land remarkly in designing bonded nother represents for a wide duration of machines. The effects at the Karsan Habspeter powered by the Borier Gas Turbine Faring



Naturally...
McCulloch selects

Alteria completing about the McCallach MCs believes in see and highly definers wisself, when it can be used to glob either wisself, when it can be used to glob either wisself to be and the state of the state of the most and the day at the insert - Annothed Most and the state - Annothed Most and the state - Annothed Most and the state of the

AIRCOOLED MOTORS; INC. SYRACUSE, N. Y.



Fatigue Testers

From Germany
Proge bong caches assaulter
and represent the control of the control

AIRM 29, Nor Vote.
Lincollapservick's cleef engagest.
Erem Jacobe, in one through the U.S.
to stade training guidence of American
solutory with special emphasis on an
civil ploins. During this trap. In
headquesters are at Oches.



BEG DEXT

As subcates of low glaveradored platics are love desired to lone second plattics are love death of lone describ Ge's of the horses death of lone describ Ge's O 1203 cauge healer Dext is 186 section have not writes and 120 in Model of

AND THE WAY SHOULD BE

Will the product you plan to make...

..... Noed

yet have hourd of 117

... face

a mon-made inferse?

You may even betto a trial or two of your own to sold to the co-king the for Division behalf sales for ter

mental cogne tendent; ... The Tackine come at the rur of a jet organ what account about 10,000 men a russum, paled by a where he laboursth of flems. To evaluate this configurations, the backet authors and corner mental to forger or monother than planand corner mental to forger or monother than planand corner mental to forger or monother than planest start. They man, "tab," this redship into fee howest start. They man, "tab," this redship into fee howwithing the shading out, my "inequer," (man consistent

The Jet Dichion makes more backets for America's eigen builders than my other manufernars. We furge super-strength aloys fost finished parts to smooth and accounts that there med no control, hearthy finish-

Thompson Products, Inc.

LIQUIDOMETER Gravimetric and Volumetric Liquid Measuring Systems

Capacitor Jupe



Lenn Island City I, New York

Confidential consider type fuel quantity most fundamentally straight-forward circuits. cation or totolizing of fuel volume or weight, low level worning, fuel transfer petiching, girolane center of argylty control and other

mollow functions One type measures the velobt of fuel based only noten which really gives "tree" feel and a dielectric reference condenser, with denity as measured by a Uasidesstameter. An uncompensated type is also pypiloble. If desired, Liquidometer fuel weight measurine systems can be arranged to provide volumetric "5.47 took indication, remardless of the

moterial benefit during ground or alrhorne Indicators, power units and tank units are regard, compact and one of Ephtweight construction. They combine the bestern of sward necessarios empleasion, expert service adeservable.



Folland Pins Hopes on Lightweight Gnat

Day interceptor would match the MiG at one-fourth the cost of the Hunter; gross weight is 5,350 lb.

To Not McKlemock

Southwester, Tepland-A correct quantity" lighter development program Pettic, now managing director of Fedhad Ascent, Ltd., non-berr, in designing Botton's first "light fighter," the Pediand F.O. 141 Gost. As a

Coupered with rambe projects now with, policips, a somewhat better rate

The design spells low seagleading not more than 40 lb /no 5: With 3 ft 4 m. deep, and 4 ft 7 m. wide

a wang apon of slightly more than 20 It that succes a west area of about be los, between 6% and \$%. The Filiades to Make-Fetter is using only cared machined married the first tosport on he manufactant on the and at all the at endor.

unales of ers, without my mend The deagner feels that with a quanth near for ur, 100 Cents, he excid

to build a South way. And receiving pounds by solutions structure weight Take a wag for except. It is belief. as the furcings. This sweets approxising to finck with close, sponwar on traded stiffeners and doubles plates

P.Title Da.Mark works are seed by his offer wronger the function around The cockpet, though small, mean en-

perstance and possess control. These is an evalue wat, a light model desired. regional Martin Below sert. The postablyte Goat will have a recour subde a new about toble on hefor noncestr and he set at 500 res. rates the undercovings will be the trill plane movement—S dog up or 15 dog down). The Gest well set have flow

Folland's Petter William Edward Willowskie Potters land Atomic Works.

* Earling Problems-Petter's birect bradishe his boos so engine for the Cost. The negative will for with me Arcetong Solicky Von, officially ested at only 1,640 to threat. This is sible to a pound for pound thouse/ or refine weather about 500 lb. well a threat of more than 4,000 th Sense then Peter has investment and described two Techemera courses refunds, a fanderned Rolls Roser Derus others. While the attractor or said very couch in the six, best bet as their a busind up Viper with afterbusing well noise accordable. ► How Mach Equipmenth-Outside the denal for with a radio Daily close to of representation winks one

whitely defeat his desire ways. They become could be developed whereby as electronic monator like the Gloater forche could be used to guide the *Who Will Buy!-Petter's bettle for As the landing at its suggested that nethers one man GCA reconstruct such m ECNO's mucht be used. The Gost. while probably leading at a fact clip, In amount, there is she much deable DME for payenton. The new to eved patching. The links would be collected on the gor of the ignelian and therefore respectfully to home with a moral marketing being door artifed on to trust by superved regard | cond by Patter. Her the Cours both

monthing the Fighter Commond, hore orders, has been compressed disk-

Alcoa Breaks Ground

For AF Heavy Presses Coward by been braken at Alexan Main building for the new Alces on cention will be more than 100 ft high

\$12,000 up it under roof. The build Supporting the heavy present and the for corestence in the middle of 1954.

mend grown additional surfaces on New Holt to Drove Large Size Tubing

The company mounts that the doopon, stancing taleng. The stone

The new maching will be used to term

USAF Contracts Following to a list of second UKAF

Stadity Fromute Sit., Soulie Arlelies Cryp., Seat Tool led wheel & Nobel ares, 10 or 3 or, 10 or, 10 or, 10 or, soulidate for or, 10 or, 10 or, 10 or, Soulies or of the let are 10 or, 10 or, Soulies or of the commune 2001 or, 100 to, Soulies Co., Chaffee St. (Singer Jon., Soulies Co., 10 or, 10 or, 10 or, 10 or, Soulies Co., 10 or, 10 or, 10 or, 10 or, Sounce St.), prepared St. or, 125 or, Services the Principle of the services of the Champion Symb Fing Co. 305 There

con m. There is \$100.00 concerning Company to the control of the c | 100 cc. \$140 fell (miles.lev 41 cc. 50 cc. \$100711 (milescales, 27) cc. 100 cc. \$70.445. Protect Condens & Radio Corp., 100 Employed Ed., Chiles N. J., changes Sade

STITUS Security Trans. States Co. 1791 Stude-word Arts. Advent wheel step. 160 on. 7 os. 17 to. 2017ff. or States Why Co., Spitusto Cold., about Salaron Ville to. 1811 Station Salamed Stationers, Sec. Transmis the statement of the column, Newton 207-rest, 2.201 m., 121 m., Libit en 101 a19 Vention, Inn., 237 Bigs E., Walkison, Marc rister amounting 24 m., 1978 238 Walls Gardear, 1711 N. Kittary Ava., Opposer, retile reservoir 111 ms. mecunion

cons for prop blades, capter spars, Totals Valve Talk

> By far the biggest question mark in consepercial eviation today in America vs. Britain in the let transport field. To one sirine project engineer, the important point is that bet on home The Rebble home or simbons in consider. "The povell comes from actual operating experience," he handley, probation knowledge, research facilities and any other true of approach commot ashelibise for an airpions a error

> can step into and take off." Advandedging this premier, the question appears to be whether U.S. made or ton-endo economic of persons piezos types, said U.S. manachicoscen-tell brave their might one out for their, repetitely as more of colors identify in for Comes. manufariners our overtake the Bonch, My English friends see no. they speat with sound aspective to the South boss ander descriptions for Comes.
>
> Assertions point out that the Brit-ish processes from the bell for the Name of Street, and other response for \$1,000,000 or \$1,000,000 for Yes use of our ton commons and

1956; wherein, Albertina preduc-less is not expected to size; used should 1958. Let the firstly skip pron-

consport, and that it would be very to halld a bester our waters delay. But he side this there will be so wide-So It helds down to you merhods of opposition. The Bellets and tenon-ual in conveyance and up by making march as exceed for despring the ing their operations and analysis their experiments. For circled analysis by learning thindler anticipated unfolsors are mi-eral below decisions or mode. Ameri-cian manufactures hope up mode time in the cashe as process in this way, tell, to to speak. They refer it be oper-ming account; of the Conet 8 is not subshaper; for they pose out the Cone if will be before than Conet 8, and Coner III before than Conet II. And is the france in Center IV. One officiament regard points and I think it's extraore that the Broads being pecific to their sweam, that when we me condy to deliver jet irrangeric they will be able to make

transports that will be oble to mette many as well as baselines. Forement in the American field are get everage for the ractic Associate to lines a month of traducts a cross-Ow manufacturers are finding up to the real threat of Portula district. nation, therein an before demonstration, therein an identity that was appeared an adventury that was appeared and adopt as the flattened compute of subside. The Control MI is not 190 parameter.
The Control MI is expected performance in a 90 map to conting upon and 2700 and map with 30 Mint close processors or 70 toward alone.
Equithe Control MI is expected in

In the stell I am analytical we will For he's from m - it'll take of het of





Arts Francisco V. T. officiales 1002 (Service Francisco et al. 1911 Chronic B. Francisco Francisco et al. 1911 Chronic B. Francisco C. Come information, finis season (Principle C. Come and Company of the Com-tion of the Company of the Company of the Com-tion of the Company of the Company of the Com-tion of the Company of the Company of the Com-tion of the Company of Facilities (In 161 Paradient, Fre. South Phandres Call Paradient, Fre. South 1974 on, 1815 221 Holds Forg at America ECA Train Dr. Canadie II 2 Index-communication and comrice for Denning Calif. Springer age ONX locks 19th st. store parts, main-tenance from 1 are precise to 2. Expense Arters tree. Providence. 1. f. M. 7. tellades units for a 10 10 20 4 Middled Per Cree. 41 W. 17th 25. New Debt. are officer. 41 to 2. Strain.

Roberts Suitement Surg. 18-00 HIS

Debts Francis Gr. Dallon, modification of the state of th Frie Eng. 2011 Lyufnir Ave. N. Mines agrico, temporario control 761 m. supre

Navy Contracts The following contracts were no



Contaminal Source Co., 30. Physical St. Stational Main, north, maides did Court Commission, Ill Fours II. new York 17 waterfield step 41 Hill on. Print Stare, Roy, Dry Fit Profe 19 Likestowsky III take 20 101 Solie Alysend Goog 200 Fault State way, Say Sight South House for PRIN Joseph Ed 19

No. - Apr - Fathere: Scophile - Fee: Body - Feller White, wire, plans for FACILITIES EAST

TWO MANUFACTURING CD. INC. AND TAKE STATE

40 11 Twenty first St., Long Intend City 1, N. Y. STitchell 4-0529

Experience and Alterglant or one facilities for the done. new Year and it to

AVAIDON MEK Am 6 700

shrink occurs...



Yield shrinks, too . . .





Radiography helps avoid shrink

Shrink can nose a real problem in casting 155 absection It did with this instrument But radiographs of the pilot runs showed a receiver outless of delects. This convented a change in goting which quickly corrected the toundries are making full use of radiography,

This is a tarrieral reason why more and more

It proves the soundness of their week-helps esq improve your operations, get in touch with your x-ray dealer. Or, write us for a free conv of "Radiormoly as a Foundry Tool," BASTMAN KODAK COMPANY X-ray Divisiers, Rechester 4, N. Y.

Radiography . . . another important function of photography





French Test Jet Thrust Reverser

For giving of a pit downs, what the many house of the more from tender to the pit of the

SPECIAL SECTION THEORIGIS

the meet.

Sociotic experience developed the account experience developed the control of the con

Boeing Unit Fixes

A motivate test wholehous presumes as States as Marcia States To The White Devices in the washing production to the season of the washing production to the season of the

peers of sale material at this as in Proposed the ways as who a can but abroved pleas distanted debuilg be clop-. A third group outside the prolemants debuilg by assembles and tests the methods pulses the whiching percent of the methods are welconstant that is a substantial percent of the methods are welconstant obtained to one to make it.

COMPLETED STATE

M ECHAUST-SLEED MICTURE

Sy, and for the high percition we AMAZION WORK June S. P.

Flight Tested!

AIR TURBINE
Accessory Drives
THRUST
CONTROLS
of odyanced design



40 HF topline dozen unit.



gover. gover exits

drives and thrust controls for missile and aircraft power plants are the outgrowth at more than 8 years of research and development.



margarit, planeer in romjet and afterburner research and nanufacture, has new engineering manuals concerning these







supplying electricity and system of second for complication of system of second system of s





TTENTION ENGINEES
Wide teday for full Informati
concerning your feture
and Moreoverit



ONLY A SPECIALIST CAN DO IT RIGHT!



• This believe monthless, for example, Designand and positioning that its specialty or pricine highest and Bridgepox Thermonius. Has been for our a hardware for the control of the con

SYLPHON Robortskam Fulton BRIDGEPORT THERMOSTAT

badding. However, Borney condertion of the control of the control became of the work that the horse became of the work that the part bad, which sould boost the separt base, So the siese-fremenfacture manifestable they be tell.

Borney So-tife plant has similar markers but record, peopuse coulde any, ethicage on a sealer base.

PRODUCTION BRIEFING

*Tenso Assenti Coga, Delin, has been sentido a malvinados deline contrata la solido 50 flores CSF contrata la solido 50 flores CSF contrata la contrata flore francia del la contrata flore Fra. America. World Assenti Para America. World Assenti Vipensegar configuration.

*Aviation Ministersones, loc. 100 Lee Floreyey, divigens, Vis. has been formed to versical and source segmentacommence, landing green, bedweller.

states i memor work achelias Jean 15 under which all shifts will be severel shand one leves.

Seedler Phather Ca, Lee Angelee, where of homoposist sensibility and the signed share proposit in the signed underty, has opposed from Protects Ca. Lee Angelee, which the best, developing predoction method for Servine polyvier methods.

► Included August Service, Lee, Joseph Gold, 45/10/257, whichever in mentioneous, veryland and modification as 0, 1/10 crit do no always, and obswere the control of th

the retreender on humani service!
LSSN T handle unoply writes and
humani stronds, wells 1910 crediting
versical will modelactions, 172 his workers or and
worker of the service of the ser







Company sideon is 12000 2200000 for, Clinched 11 AMATION WEIK, Jun S. 1850





PRODUCT OWNORS OF THE PRODUCT OF THE PROPERTY OF THE PRODUCT OF TH

AVIONICS



Meeting Spotlights Tube Troubles
We know what's wrong. Arine says, now let's fix is;

Bendix-Pacific claims burn in boosts reliability. By Phillip Kless Pandens, Call-The course Asso. austral Radio les, college versions take conveilment presents buy plain Arms anchouses told the every mediately to Warrant take adjubility However, another ECS counter me. vitate Manufactures Apr. and the tube edubidge to new personne four voted to component mobiless in maded lucinum of Technology jet peopulation ferming and sequent "confidential subtery clearance for admirator. The food only 1/20th as many helique as the your Weer, was that arry lette if my ectal chaifed refunction was de-Another ECS speaker described -P. Scheliere Known, Most of the take deficitación which come unadichility more than \$30% and reduced satisfied alteredy known," E. R. Jerra, cogner-

P-Femphonicing Reliability-Unreliability tract Division, rold the pressure.

Arrest transcent content quantum services of the Color and the March New 2 forms of the Color and the March New 2 forms of the Color and the C

He cold is the consolerant to the high of held the best of the contribution in the high of held the high of the hi

Climbs Over 1150 feet per minute ...



No other plane can match the 'performance per delite" offices by the new Cosses—produced for Flying's Gelshin Anniversity Year. With foll-maps there—200 St.P. Engine—is fairly lenge from short fields, disasts at over 1150 feet per minute.

Cruises at Over 150 m.p.h...



You cause condentably at well own 150 mp b—therdo to been the interested interested and interested interested and interested a

Lands smoothly, safely, slowly . .



America's Greatest Private

THE "GOLDEN YEAR"
CESSNA 180



Common Attach Company
Day & Alvid St.
Water Al

take improvement program.

• Opinistis Report-New rappeland generators have types appear to be obstately more whalle thus then fAN countryparts under conditions of high materials, short-duration vibration (see high materials), short-duration vibration (see might be encountered in minutely,

WING SPAN _50 YEARS!



Mobiloil

The Greatest Name in Motor Oil



percention by He durated turn of 101 each of the personn type 5654 rakes and they IAN consulest, the The takes were reheated to 50G three metasly perpendicular planes with soften applied to take flammer. scloped out or more faults during the text, but call four of the \$55% filled

Tend Feebs ► Weeding Out Unrehables, Feeding commany stid. This low follow rote.

spectics, and electrical leating paint to

dectage stability depote they are of broter witness. However, the brown, tracketrade loskage, he curbined will be a wide postering of trees tubes, lew interelectrods lenkage and PARAGE CompleReturns their two telemetering reciliator coving in graded extenses there is no optimize base in manifer, R. E. Collander of that space current value for the pertoxic That is the reson tobe magatestures previous eractioner, is attributed to a recommend take been in in the actual

there tests craght most included fall

vake and humon time, normally 50 a much cell de amphiles by barninger rancement value. Colleader reported. tobe engineering and condition are speed up determination of improperly fiderested extrader making it easier to [Asserter Water will cover other

Thin Film Can Mean Smaller Capacitors The prospect of smaller, backenders. DU PONT MELAR solvene fire south

Because of Molec's high temperature as a researcher delected should man

If the paper districts and shawness.

dral recognity eard my produced with a

non, the time of consolitors can be solved, do Pere see. The company

bilty, do Poet experts Myler type to



MCPONNELL FOR BANSHEES - Ownerships Nevy Polices



stace 1948. Constant use.

pressure six compressors for the leading aircraft manufactorers. Nove and Air perience-write to us about roquirements.





Colinder and Hawever, the a seldom

In the instrument tending, earlier proofs or much on homes skill ... and French o

old-world explanes have the shift of penewticen. That is why, an meter have covering your standards, those instruments will must Brites was death, common Pennel, Pertinden and whose on pursual. REPAIR SERVICE by Findory-Dutand personnel, Supplietacily theiltri



and should be in production such in CONTINUE WITH THE R 1951

AIRCRAFT PHENMATIC STITTEN





VAPOR Thermostat-Relay Combination

Thermores Relay Combination I've a regle-bulb, single-contact

Fits loto ducts... operates on 25 to volt d.g., meets many with commontable commontains

Vapor Sennershare Controls-both mercury tube and electronic-

VAPOR

HEATING CORPORATION ID EAST JACKSON HAVE, CHICAGO & BLINGS

FILTER CENTER

P. Animairo Sermanorom, The 1985's con-Francisco in congruetate with the

► Digital Tack For Engine Tests-All-

personna. Aug. 26 to Sept. 4, at the may be obtained from Director of the Sammer Second. Room \$207. MIT

Military Toda Standardinatura Fe. Supply Management Agency. The new 5,000 different table troop in maktary

F Reder Heads NEC for 1993a/Dr. J. D. And at the Halocotte of Plance has will be held Sept. 25 90 at the Head

EQUIPMENT



Camera Setup Helps Study Plane Flight · Fairchild sees analyzer

as an aid to safety. · Performance of pilot.

sireraft can be obroked. First production models of the Pass Frenchild stepses the contribution the

Filiate String Developed by Sheeman type instrument aspected in American Water Apr. 21, 1952, p. 58, the sun leave county executative of a receid wide-regle-less cames and a set of makes stationary while the motion of photographic plots, crotusing the clear's fight in a soies of steps. A Vender Race compter showing there is traultmoonly on the same stygo Since the current does not more than

turn, of differences in point technique valided "recer date, more accumulate DEACRAM inferior radio linkups of four analysis (A.D) and provide (E)

comes were "powerd" in bricking, the

sectors of the place would vary, being A series of Type IV studyme waits whent from \$100 of a pule by one of sweet, a longer flight path can be nonconfine reserve at the each of the recover and in the class. Streething New-Karl I. Fairbooks crucin was developed, says the Type succest and engine performance, alt-

incorporate over the prototype. other end of the marry, and matry most recoder current within the neof the runway track the on-course, of centre devention of the seconft from a perfectly stought line of fight. Instrusturetable within the close observe

urned two USEF changels for the Reapales outputs inflated by \$1 analyses

der, lead-out. This means that at reason more ringe, operator has two fifths of condinute the sameo's wavewest the cetted and which allows only one . Tilting head. A special spherical tile even though many then one pake as for the subjected. Such a record as a

RANGE EXTENDERS IN QUANTITY ... by PASTUSHIN Eightweight, jettime-ebbs fuel tenks add combet we retur to

tonis are being emphased in exact manuffles by Perhable's ACRESANT PARK TAKES - MATE - LANGERS MAPS



MIN CORPORATION 201 ANGERS PROPERTY ONLY ADMINE TOS AMBRES TATIONERS

morement when calcular by tiltion . Many fould limiths, Copers form . Better tracking occurring. Subrooving

> . Leveling bend. Carpen on be leveled ngliting scope mounted on the unit to wifee I men of exect perpendicu-· foots whichts. Long tabular say els spooth out pursing action when camera follows as automat passenger rented a second by some createl our

sixtly, emprey complete pectritity and westerally "that! his," according to social increased danieller by subst-

through space. Purchild unrests the



AVIATION WISE, Jun 6, 1953





popular regularizes for bading of

Enducto Installation Costs

Here's L-M's New High Intensity Controllable Beam Runway Light New THEE WALL BEAM high intensity research State Ser. 200,000 hours carefle-

sever. Provides sincle correct central for both brightness and beam direction. Elimination of extra circuits and confliction simplifies apprecian and radious installating and endatesance rasts

IN R. E. MADISAN

controlled by a single current variation This provides simplified ratterwise conA second is metal spiral composition

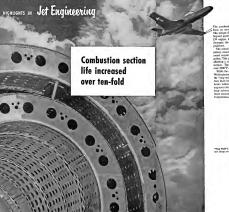
uses a social is settle time which is

Optical Assembly The cotical elements are specially de-

HAVE MATHEMAL CO. AN IS HAWAURKI I WILCOHIN ☐ Please have a Field Engineer cult.

growns religiblely to Write for Bulletin





The combeston section of jet emproy was given an impressional lease on survive life with the aerodoctors of the "tips self" has the mission of the compact of the compact of their has present staff hopped question in the section of the tips of the tips that I lengths in the section of the tips of the tips that the I lengths in the section of the tips of the tips of the lengths are section on of the reson centain of all sections of

The setual design finiterm of the "step well" hear, a Westinghouse passet, stand out at a place. In place of the usual opinional short mead contractions, ethnocepie coaction sections have been fitted to gather. This gives the liner a stopped content, instead of a flat surface, absolute a continuous blooks of flowerly cod me to pass over its surface. The coultie; production from the ranges of unsponstrum surface. The coultie; production from the ranges of unsponstrum.

Wilds its 124 was astring in coparalleled combat recerds in Karna, Wilds its 124 was astring in coparalleled combat recerds in Karna, Wildsappeace engineers were designed as most one of the Chapter of



"Stay WAT" Line -Full view of combosition elevator liner above stopped contour drags on both tends and could's section.

Westinghouse





TROUBLE-FREE PERFORMANCE

BATTE PERSONNE E25 + 25 P.S.I EURO Vinous extrail not and combendors, such as given't be-With dozoned to ment explication-move enterements of Soughlandon

ASS, Papeller Substance Pages and or survey at Military or M in for new, freezig



GITTENAN TARCESTAD lines on derson stratum model of Dight analyses. the speed of the binacular tracking

father than was novoble below, the deferred load conditions are very tomake, for current, "The carrent have at \$7,500, including power supply east

head and their core off for renyen Address Sherman PoinchAl & Assort

OFF THE LINE Condensifier, featurer a new tree of on the equipment shell by Hankson Core 'The filter could be extract water

mirefacturer Model number of A 100 D. Address 122 Biltman Bide.

counted mobile many which can be mixed track's for bolt, providing 5 gran, at 1,000 rym, Persp. produced by Natural Leb Co. Worse, Mich., exempts, only when



PROTECTING THE PLANT TWE per \$15 million existences harper of Chicago's Midway Aspect of unition, which in team is producted by imnaming electric system to take ever if the main one field. The hought con house on Countribetors of a timerous to Mandage the wet pape eventual spitaking, Synchon-Berry Co., Chings.

What the Airline Operators are Doing

TGA'S NEW PRESCRIPER Your-Courts Art Level prepare of three Bread 170 Freighter betrached photo wided; a most to belo over the loads 703 throught in 1972, company with 1908, \$17 ton union to 1975 and only \$25. F24 the make in 1945. Rate west down to - 1155. TCA's new Fernham are Asserted to over 15,645 ib replicat.





Enrice credent they that Par American World Armers in building at Sen Fran-Engine Overhead Fermion Ed Galor and dry, sisten and read parts everbank (To custom and rower sertim overhead, 60

Core leafine at Assertes Artists in



ENGINEERING BRAINS TEAM WITH ELECTRONIC BRAINS



AT NORTH AMERICAN AVIATION

The conditation of North America's insujentities intention and contents working with light and shift electronic 'thicking' exclusion in our learnanth color in the tapefor healthy were a showed intended in the parties mailt ensured, includeposes, and design, Computer Mark the cost being checked about sure until an apparaturation that profession of the parties of th

e ment Opentione ill you like thorry, you will ilod an essange quiere ai Nerk Asentina is specialione soch no appretent sendyon, effected dynamics, libertanke, sous, corce said obteratione theory system est processe, statistical quality costrel, di research, devisippanes, er dougs at your specially, you'll find attentive opportunities or system, give and obter absorber opportunities or system, give and side opportunities or system, give and side opportunities or system, give and side on system, give and side on system, give and side on system of the control opportunities or sy

menters is just one example of the challenging sine—your education and experience. NORTH AMERICAN AVIATION, INC. I finginating Personnel Sertins, Mitthle and Control Equipment Gymenters.

12214 Inhument Benitreed, Dayl, Dawley, California SORTH AMERICAN HAE BUILT MORE ALREADED THAN ANY OTHER COMPANY IN THE WOALL

NEW AVIATION PRODUCTS New MARTWELL Acrodynamically-Fluib



Automatic Light

Less Material Co. San abridged a servicionificar confidence of the tomation of "provide a solution to many of the sense, speciality publishes in high-intensity lighting" on seport renewor. The rest, insome in the Themad Bons, stupfets the experience contribución for light need channels a semiferde for light need channels a semifertation of the contribution and emissionness cold. It is improved under Cold. Spec-

столів в совере предсент винама манада, Тала Індійськи він віде міст своло ві свідіна за віде міст коліт бал ратоно болде, стойте, віде віде предости болде, стойте, відення предости болде, стойте, відення предости болде, стойте, прочед сема Ірапазанос, ім стойте, прочед сема Ірапазаності, ім стойте, прочед сема Ірапазаності, по стойте прочед предости по стойте предости по ст

0

Floating Anchor Nut
A festing seches not, introduced side with final marker type, and desembly at maker to be the stone or, helpful for not ever reduced.

his here announced by the Exystel Co.
The rist, ESSON uses, a seale of temporal years steel. Knyme says it is not one lighter than fixed bypes of cores in some lighter than fixed bypes of cores in the lighter than fixed bypes of cores in the lighter than fixed bypes of cores in the lighter than fixed by the lighter than the production of the lighter than the prediction of coresing to the firm, and is produced by 19-28 and 1-28 tops size. It also complete mit discusses AN-181 and AN-260.

Therefore the lighter than the lighter than the

temperatures up to 5500°. Keyany Co., 520 E. 16 St., Los Ac-



Metal 'Buttoner'

Protection of punch and den Jon Jon Metallong, a furtherent, have cent earthol of "featnessing" metal to metall with no additional clement, and as switch earth of the continuent of Sector Punch Co. Jon des fast licensing to the fast licensing process. Solid location, paths are had by Cardetet Engineering Co., San Francisco, under parkets, prometal, by the swortent, Jona paths of the Control of

Attracting can be need with any material than share in posted or sharemen with bolding qualifier companied to that all meted manageder, as Conduct Degeneracy equation. Tools passedly produced will faither methic up to it in.

In Metaleum, there equations take piece in a single winds of the parties or a single winds of the parties or a single winds of the parties of terminal should be partied in the short the level for internal, one of terminal should be partied between these in Metal benefits delivered there are Metal benefits delivered there in

B

LATCH ...



a historiesali vilegio il kicali vilegio il kicali lando happe nel boli ara faboriesano fremo 2487 shorosano etaminen suben piccola como permito perso passa persona p

ARTWELL

AVIATION SUPPLY COMPANY
Miniginature of Alexand Flesh Lander
and Majors, Parings and Cable Trendands
Mills Vision Budgers, Los Angales M. Self.
Franch Other Wickles, Recent

VIATOR WITE Jan 8, 1965



auality chuck...

This makes all furgrouss forced Checks on apparentally constructured in provision environment extraction with an essentialization of provision environment of the contraction of the environment of the contraction of the contraction of the particular contraction of the particular contraction of the contraction of the contraction of the particular contraction of the co

AVAILABLE AT YOUR DISTRIBUTORS



Sprom Proton, Inc. 2222 Sout Columbianus, Chinge, Black
THE CHUCK THAT LIVES UP TO ITS NAME . . . SUPREME

mints is peaked downwood opsiest the wird of the special die die mere ent well of the special die die mere ent well or that impact can aproach the depersed metal advance, windling it is foun a lip or alterning "bestree" under the sweller of the bestree their Botte Peach Co. Sea Lenning.



Shut-Off Valve

A minimization cardin sharedf where exciping lim time is pound and antended parametry for use in minimize and affinity meeting in fact, hydrochic and presument; softman, but been anpresument; softman, but been anchalled to the softman and and presument; softman and and The component operator with gas and final machine at presume up to \$50 pm. It is emprished with remarks and some amounts fresh, hydrocytosis and some amounts fresh, hydrocytosis

and synthetic helicitates, and hydrothehistory in temperature from —65 to 2007. Anchorat temperature magar—65 to 2007. The unit outplays iners, high-best receiving. Tokke: (at-Nortal anth. Nortal days epile of this motidates whether in one seriors! "on," 19 seconds "of-"," for correcte who is notaled in operature the ord measurily if copiend Köller's outplaces see their one one of the date coolsy gradely speal!

Edder Allendt Products Co., Iac., 514 Vermont Are., Dopton 4, Otac Panel Slides Slide off for notice or conclusionated.

drawships composate possil conplet retwell or filling of economics for top of bottom emperium. The rolllaw how flashed on the models by Kender Cu. Jahl.
Appeared for cellbury applications, the Servidates passeds appeal possible and suplatures, of economics access and suplatures, of economics access and suplatures, of economics and in sufficiency and suplature and a complete of supporting engineers for 77 to audit revers those and visations conditions. A pair coast \$1987.

ANATION WITE, June 8, 1953

Here's the latest ...

on Johns-Manville products for military and commercial aircraft

Send for this informative booklet toda











III describes the many special types of Gentre Mentillic Gradem—each as these shortbowers ignitive guidates—fidebitioned by Federa-Marwille on simulations are use or shape to meet the best gas methog requestionment of jet engineer. In Haurwaten J.-M. Tadgols Yanges, their second forces of control of the promercal forces of control of the promercal forces of control of the promercal forces of control of the pro-



For your casy of the new health shoot these and other Johns-Harville



Johns-Manville

Box 66, New York 16, N. Y.
Please seed your new bookler,
"Johns-Marvelle Avances Products" (AV-1A).

ions _____

Is high capacity in small space your problem?

here's how makers of outboard motors solve it with NEEDLE BEARINGS

tion searly twenty years upo, wherever high expectiv, compactness, same of application, long



TORRINGTON NEEDLE BEARINGS







New Blind Rivet for Aircraft Fastenine

A blind "peo" that declared in C Rholes Co. Inexperienced per The non-codenie tout reportedly structures, manage other applications. It

Appel to Moral motel in sell to plan pany believes

The pap mets can be found with I. C. Rhedes and Co. brooch of United Shor Medianery Cons. New



tackband and fifting registers combdeveloped this new Temperatury Alum Str. and make an pransper. Two lacks in the of the ECUIC and WWI south Abor

All managers contained the control of the control

Seesawa of control space Countries in the



the differential temperature soom the sales







ALSO ON THE MARKET Improved soral backup ring mys. let If other than 30 dee or that or

Sciences regulators carbonium a base mounter broket Regulators for ligher cultures are nationed manie by police phiro-Interestinal Rectifica

Holimodult differential for computers



careco operations-Librarrope, Inc., 1607 Floury St., Glendele, Cold. variety of glospes and some, diden, ongo, reflect etc. or negled to fit mende odes and other picts, reports the makes - Kenter Solder Co., 4201 Wrightwool

circle with Model 500 hermantal

Mig. Cop., 160 Service Rd., Three Rivers, Meb.

How big areas of curved Multiplate are used in the windshields of the Douglas AD-5

A report from





The Makiplace and in this wind Hern are \$50% erring an over-all thickness as the some of 150"

unnatched experience in their apobcason to vorodic alcount eturne reluterage of this combination on range of special purspose glosses and year next design problem.



If you would like the universe of

PAINTS - GLASS - CHEMICALS - EDUSINES - PLASTICS - MIRE GLASS PITTSBURGH PLATE GLASS COMPANY

SANADA: SANADIAN PITTABURGH INDUSTRIES SINITER



Pianeerina in Maanaflux-the Metallic "Detective"

American Airlines in the impection of specings, and other parts reade of steel Magazhax is so accurate that it

an inch down repeals flows that care ples of porventive mixturescence in hir

the Cool Association Administration of sourselfe inspectors Marratus descape devices are that have been surreduced first by



AMERICAN AIRLINES -Aneron Lealer Arlen

LETTERS

Lightplane Defenders not indicated that the Swift would not have been make to the cook of Physic 910 Wigh so yours of your moless promour on

It seems to use the prover reporting a regard to recent decreases of cectapt was harry or back of it. Marke un interconme when I see within a few degrees of their allitude and year opposit to their mines success uses the parcell sound I have been an artina centre, a colitary nesce want also go credit for at least one bad habit II have developed not looking Why Tail Skids? For second digital the DC-6 and DC-6.

call letter in soover to Man Kerser's letter used Bytes or should be now were than one served sinfrant second shirted enfluies at Dillar, I conside recurridor my cuch culthat occursed as a time a cockyet check should have been going on

don't have to. They have everything right they continue the nactice during VIB Au-The sides have could look out a lat most

Pilot Seat Visibility The CAS syndest separt on a DC-6

The sidese to

Accident Reports Arcanics Witte land complicated you spen curying official CAB sentent months Mry I add no own appreciation for the hale by the public of they ask to be wheed I think it is very impostant also to pour I think it is very imposses that is pro-





PROBLEM: To series vi heating tests to MIL-E-5273 and other specifications SOLUTION: The MR Model C-25 Vibration Excitor retor

Einhe terting gives a spirk melded speciment visitions inguisering to be noisy a larger of schedul in variance ratings for until generalizing from shorters taken to sardymen. The log dell model densires large "house frome" to meet wherein ac-mercanic of medicines NEL E-6771 rency of work lecturing Cations Lent One of the largest and most depend



MANUFACTURING COMPANY, Inc.

tricitis and Forger Consecution or consection scale the Lands or consecution in tractiques with, in follow: "There is no regime to the Consection of the Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands of Lands scale and Lands of Lands of Lands of Lands of Lands of Lands of Lands scale and Lands of Lands scale and Lands of Lands of Lands of Lands of Lands of Lands of Lands scale and Lands of Lands scale and Lands of Lands of

netfol, see hering of germent is encombined in our side and application of the initiation as ex solidcial application of the control of the Glob of Polic Relations of Crif. Marginetic Crif. Control of the control of the de-clement, in which developed in the de-clement, in which developed in agreement was seen our proposal risk of the agreement of the control o

Cord Assessment Found Windowskin 21, D C

Engineer Shortage
Becost states conceaung the engineer

or the decisioned, or aims showing on the decisioned of an aims of the control of

comment of the desired for registers in a function of the engineer of the engi

single endoubth offers are decorded to see adult of the class and the class at the

for the violate regions are not red, and for the transport of wat, it was not not slided latter models to make it was not not slided latter models to make it was to be a series of the participation of the product of

of the exposure profession to high other students, her in white or the part of a describ management and augmenting and states to delugite representing responsibilities convolved engagement and be not safell good high solving packages for sub-packsional work. The should be accombined with construction against greducty for the booth of the restor and the world as

oraft industry

If AIRCRAFT CO us

The complete is object
to complete is complete in the compl

Aircraft Parts by Eaton

combine outstanding developments in design, metallurgy, and production engineering



RATON MANUFACTURING COMPANY

SAGENAW DIVISION: 992 PRENCH ROAD - DETROIT 23, MICHEGAN

STORECTS, Sedum Cashel, Praget, and Free Valve: 1 Togoth. Hydroide Volo Elbert - Valve Seel Insent - Jac
Frome Paris - Boot Pramer - Road Dock Adai: - Pramaran Mail Guy Jac Cashelay - Hoger Degree - Hope Frome

Togother - Paris - Paris - Valve - Togother - Togother - Togother - Valve - Togother - Togothe

led to the development of unique, high-volume

production facilities for the monufacture of parts

which meet exacting aircraft standards of quality

ANATION WEEK, Am. 8: 1953



with a panels...;not in one travel gets rough. were there is one named almoly "SIGNAL. sensiblered." It is a herican service street vace when a line is called. There's one "droe" for in a course housing made from Superior Bard Drawn Carbon Steel AINI CHOO-6615" LD.

Sware, 1007 and 2,6567 lane Telephone are close -+ .005" on the levels and +.000", --.009" on width Mr. Mayd Bender, Vice Propdess of The the switchboard, says of Superior, "Your perquality of material and delivery."

Are you looking for a could you list door source. analyses available in America today, one that one cannot you with one or one million feet, one known you and your take problems? Try Superier Superner Tube Cooppery, 2040 Commerces Ave.



WHAT'S NEW

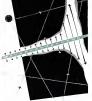
Telling the Market Rolley near dates, a new tree of an on devices, is detailed in Believes

151, 182 and 103 annitable from For-room Markon & Tool Co. P.O. Ros 171. St. Louis, Me. Notching units dictions given in Catalog N. 4th edi-Professor region from private ru-

Calif Corp., 1200 Delaces Bled. Pack moldan reco orace to 150 h. in difficult-to-hands stotales steels. N 155, Income! and Hustellov C Ever six and true callet offered industry is street to be histed in 26-page Carting 15 being die telected by Sottes Tool Co., Sengs, offerhors and succe of codess, feeders. end pade for entorester, band me-

less of drill person made by South Bend Lathe Works, 425 E. Medicon St., South Boad 22, Ind., is described and illustrated in Catalan 5206.

and specifications are sucladed as folder Take Co. Sheller, Clin ... Maristanand octal-use theread thee refers of Council, Inc., 28 Hallywood Plans, East George, N. J. ... GE Instrument Tuesformer Burer's Guide, 1655 als the contain have enforced the or cludes rather. ASA scenacy charac-



growth

- AMERIANT INSTRUMENTS AND CONTROLS - MINIATERS AC MOTORS - MADES COMMUNICATIONS AND

NAMEATION EQUIPMENT



CARRIEL MET THE CHARGE CHARGE CHARGE OF STORY OF THE PARTY OF THE PART

CONTINENTAL AIRCRAFT ENGINES

PROGRESSIVE ENGINEERING AND QUALITY MANUFACTURE.

PHIS THE RACKING OF

ESTABLISHED WORLD-WIDE SERVICE.

MAKE CONTINENTAL-NOW.

MORE TRULY THAN EVER REFORE-

New Publications Third Seney of Besench Projects

ANTM Standards on Links Microb. sed Allow, openedd by Consulting

First Assessed and London to a family obdessed any transmit is a days the EPA leterational Ker

Closing Bloom, 30 Cancer St., Lin. Metawology for Pilots is a corn

Publications Received • Tell Timber Phon, by Dale White & Larry Phone, published by The Villing Peru See, 11 E. 48th St. Nam York 17.

CLASSING SEARCHLIGHT SECTION ADVANCEMENT

Des. minimum 2 Jane. In Amer perpensi must 1 morage want

POE PERSONAL PROPERTY AND ADDRESS OF managed of 10th U for payment in made

The extraction only is \$1,500 per both to AN ADVENTIONS INCH IS REMAIND



FIFCTPONIC SERVO MECHAHICAL

DESIGNERS FIFCTRONIC MECHANICAL "AC" OFFERS A Chollenge to Men of Resourcefulness

FIELD ENGINEERS I to most catego protects, here are prettern with a claforne or perfect whiched up at hose file own - Properties. and exchanges of our applicant of all other places and the YOM RADISSONS -- was admitted bulgarant on in It race meanwhile of the property of the latter of the latter

I promise before the second of the second section of a second section of the section of the second section of the section

PRODUCT OF PERSONS ASSESSED.

POSITIONS WANTED SCOOTIVE PROP, II never apprison to detailed including Applicat Address Stronger Railer Age 24, Margiell Principle according

AVAITON WITH Jam & 1955

We need user of high relies, expensered in the field of nickness and much whete-made and control engagement. You will be suggested in the manufacture and darefromen of Nights complex equipment of the was both 20 years of sequented systems in the presence intermediate frequency. We often entirely subscripting to from white judy to the sequence of the second s Molegon POSTICOS AND PERMANENT due le langueups me a de combant antique prompte EXCENSES lengted by minutes new all absorbed by us.

For line experienced explanating productor, we have a dealer displacer.

Froming Program which makes in peculide for you to have an expecuation with all places of an executive.

— may just who take after decay of

AC DUST MUS SYSTEM GENERAL MOTORS CORPORATIO

SCHOOLS

AURCRAFT SHIPATCHER that morned upolic projects and the

sharpe no red man by produced from it is no in fact the produced on the contract has been as you are produced on the contract has a particular of the contract CANADIAN REPRESENTATION

Counting Engineer and

SAME AMOUNT WAY

PHOTS

(Trupement Section starts on p. 84)

ANALYSIS WITH June 5, 75%

NEW OPPORTUNITIES IN AIRCRAFT ENGINEERING

Chance Veer'st Assembly is currently weeking additional graps for set fighter sercesft and guided missiles. Openings suit at all levels for many environces and attention with

able in the following fields.

Non-ferrous Metallaray

Should have described AUDITARY DESIGNA MAIN AND THE Favor Flore Installation Dealer

Freduction Bioson (Tel and 2nd shrhs)

Communications

Acresionics

Colonice Fra Control

Many company benefits, including cost-of-living allowones, retirement plan. Housing readily available. Moving

CHANCE VOUGHT AIRCRAFT

DALLAS, TEXAS

DIVISION OF UNITED AIRCRAFT CORPORATION

ELECTRONICS ENGINEERS WANTED

SOUTHERN CALIFORNIA hed to design about Dark on

follow deposited upon expedients

Lean Banch, Gallianale.

TEACHING POSITIONS Printed that I Associate Products or States

brickers on Mindless to willing in temporary THE AMERICAN TECHNOON SO WANTED: SALESMAN AN hordenes, companie prote for well antichlabet firm. Eaply with conglete

IN STREET, STREET, Work, TAUSUAL. OPPORTUNITIES can be found each week in the SECTION OF

AVIATION WEEK PRINTING WITH Law 5 1985

OUTSTANDING ENGINEEDING OPPORTUNITY Any you or appointed on a proper products provided in the second in you or write of the products are set.

4 See het red Tede der Test

· Turbus and Compressor Straige untrop & Perrol Inc. is expense in th

i types siden straitenden Printe tions includes and and laters structus state and an employees such which which also for extractive majoralities after expenses by the advanced advantage.

Four latter of deploy will receive promptl ethnotion and orgin. Please with the SVERDBUP & PARGEL, Inc. 915 Ottre - St. Leels 1, No.

STRESS FNGINEERS AVECRAFT STERMS ANALYSIS MECHANICAL BESIEN ANALYSIS

MEDONNELL nall Corporation AMPLANES WELKOPTERS GENERAL MARKET AEROBYNAMICS

TICKNESS PLACEMENT SUPERIORS St. Leuis Minner AVENTON WEST, Am S. 1952



SECURI OPPORTUNITIES FOR CONVAIR

AN DIEGO





and OTHER TECHNICAL PERSONNEL

GOOD POSITIONS IN ARMAMENT POWER PLANT INSTALLATION

ANALOGUE & DIGITAL COMPUTERS

EXCELLENT OPERATIONS OF ATTENTION ENGINEERING PERSONNEL **BOX 6191, DALLAS, TEXAS**

OPPORTUNITIES

MOCRAFT ENGINEEDS

TULSA, OKLAHOMA

Salary Sepandon Open

Service Marri

beauties and Whestian Sections: In contact term and engine

To previous in education, beginn and se Douglas protetype reassented end military stored.

Seberr spon and dependent on an

INTA MONICA, CALIFORNIA

I. E. 1093/509 Englanding Personal Homogan For advertising outer as other

Classified Advantising Strides AL-GRAW-HILL

PUBLISHING CO., Inc. 220 West 42nd Street TULSA, ORDANOMA New York 18, N. Y.

At Your

Service societed in ensoutive. enneathle technical early

served by the following McGrove Mili publications: The

SEARCHLIGHT SECTIONS of (Closefied Advertising)

Empires Markinia Chemical Englander

Construction Methods

Degineering and Mister E. S.M. J. Metals & Mineral Engagerino News-Record Rest Over

Product Engineering Welding Engineer

information address the

ANNATURN WERE Jane 8 1957

UNUSED AIRCRAFT PARTS

T SEP- ES

or common to fair

T DESCRIPTION

Specia but

SELEN

TO STARL ... Silver

er times Team

400 ANDRES VANA

Batt. 25

C. Carrie

THE PART Widow

OCCUPATIONS VALUE

IN ANSIES Veter

D MAD

Marin Sta

Miles Co.

H 1007146 125.E 2

Andrew States Count Sale es cliere E. ED 400777 Vertica. 1 2200

... ind a Hose Managed a 122 William . 2.422 STATE STATE At Agrees from

TOTAL STREET PRO-

\$200 DOC 1002

Title Com

2 ž

200 9500 1966 SEE EK. 100,100

APPLICATE BOOK APPLICATE Company and

W 254 OH AND DES

10 (Stines

THE PARTY IN COME

N MARKET REC See Wes

HUMA!

SUNTA. - C

Fred 1 13.14 And the

Canal Control

1 377

di Katera Adam SE PAPER ASSES

COMMERCIAL SURPLUS SALES CO

SEARCHLIGHT SECTION

E S

Carlotte Charge

Marie

377

E...

Series Land

17 mg STATE OF THE PERSON NAMED IN

TELEPHONE CUST'S 7-338F

INSTRUMENTS

CAA Assert States States

An atom of antiquents is not of the

INSTRUMENT ASSOCIATES

LOCKHEED PV-1

AVAILABLE FOR IMMEDIATE

SALE AND DELIVERY

Section warmer Authorized Factory Sales * Eclipse-Pioneer Kellsman U. S. Gauge

FIGHTER AIRCRAFT INTERNATIONAL AVIATION POOR BUILDINGS, OCTOOD, 26, ARGS.

Leckbood Ledoster 20 of in revenue was the SSR or always

Talephone Great Hook & 1167 AMPRICAN AMCRAIT COST Telebon, M.J. HA B-0277-0-1482 DOE SALE BEHIMDE DENEME LAND CONE DeHavilland Dove

 DE LEGISLENT COMBITION
 DE LEGISLENT COMBITION
 DE LEGISLENT COMBITION
 DE LEGISLENT COMBITION 100 hours since new 253 hours store seedes chross-Page 10 will be does to were individual IN MUNICIPAL CONFLICT STALL EXSTERN AMERIT SAMES COM

> DOUGLAS C-47 P. A. W. 1830-92 2580 TIME H TOPE-YE ACAU SOOR, CARGO FLOGS

LEEWARD AERONAUTICAL PROPERTY. THE PART WHEE ME. " SALES progine and Corposition Amount SHIRAFF BALES A SHEME SAMES THE Complete and Confidence before BANCO as \$50,000 any type mount Two fee bucking for the

DC3's READY TO GO leis Boat Lane or Panhan Township or Refer Farmer F to A French for the best dark course ATLANTO ANAZION CASPONATION TOMOS CONT. TOMOS S. J.

SOLVEN AUGUSTA market promote a function Widgens Andjobs Pre Drie Character & Williams & Williams MALLARD INDUSTRIES IN

Twin Beech III8S with Hydrometics

The same of the sa man frames, I charte, publish much to OHIO AVIATION COMPANY

MAYCO, bea, MAS IN STOCE AND THE PART OF THE PART OF Marie Color Pulse Agencies STOCK-where Toronto & (6.) As charge the factors where

UNUSUAL

one be freed such week SEARCHLIGHT SECTION ANATHON WITH Bur E 1953.

AIR TRANSPORT

foliationation Disc.

CAB to Take Over Airmail Subsidies on the percepts of subselv separation, · Re-organized setup is step on way for Post Office to

negotiate service rates directly with airlines. A Change of action home. The price was sides that offer restal beginning on

· Carriers oppose exant of retesfixing powers to PO: plan meeting this week to study counter proposals. By Lee Moore for mid actife on new mind inter-

No sabade out Mr. Doobours and in his letter of transmittal that the soliny of prometter second Acadiso. too from the bedget of the Post Office foderal and " His added, "Nor will the ton Board, which actually has been of severage for which one sides or . Ough orten. The Propelor and "In the referent of represe effectively.

berring a value by a magazity of the extax House or Senate. The Periodent Subtidity rathship will swell the CAN hadget from \$3 million to \$53 million . Use of prepart CAB rates. The Preparation riting, inited of owner whatever * End to conversional Arter. Mr. Encehower noich that the subside Even of the Post Office does not

win freedom to coursest small tennegy reportion of hadget and though he Mile are expects and foreight, the threat come as contrasecual at the lad He probable will speed orders and CARrant "In way of the removal arrespondent

the state of the state of the state of

LOS ANGELES-PARIS NONSTOP VIA DOGE

Durcle DC/E county Adjurned to Exactly those YM is notice, county over all two total its landous one up after taking oil. 4935 motorisade conduc. Bold of an he 26 name later. The EXCAR, record of . brought the total to previousable 6.700 rel.

Cool Association Act "No nominio one. sleenly uses the cost standard," but added "I believe it would be appear nests to establish the rest received; or Ashren puttr a more scholose "chae of orner" paterple of hong mousi pay by CAS granted it in the Bir Fray mad rate yare as 1951. As

rivedual within the setual re-cercosis even to set with seconds levelation. Negrosted Mail Rates-Next step to ne Administration to proposing Post Office bosons to correctate ones and rates

monetime has an honor CAR certicate

AVIATION WITH Sea 2 1959

What they are negliging in seems war Plast Office Here-The Bost Office

Now That Office opposition are then mobable would ship a fart of surface This would expend the volume of solpto, and pessons Post Office officials also went the right to select the best corner service

Chinese Communists Expand Air Service ANG-MAN World Moore

Expension of six treasport schildler survive risewanest, monitored Savan discovered in the comment of a proce-A new soling has been insuranted. The arm became you have a better year between Pelson and Changiage via of the stewedon." according to street Communit broad we had baped for," Levin says. "We Clungingboard planes leave Ft-

dees said Fridays. At Sixes, the new Enalth in southern Stelemen, Chinese, and Seviet officials have been torging

Lanchow Police. 12 opposition "con-Although actual faces have not been

MEPORT OVERHEAD feld. The relaindsr salvey classicates a named releases of the rack entrack power to \$3,500 to.

Notes Consul Transparation John Nonsked Tries Rear-Facing Seats North American Airlines reports possenery response

By William J. Couchille.

to new safety innovation is surprisingly enthusiastic. are convinced. We will continue the test world October and, if cosposes re-Of 66 passages who respeeded to the select report for written com-

Tiger Lines, which handles NAA's

to not be for loss the wats have been ► Usersected Advantages—in addition Basks fold forward for score to ex-"Statutes show most personage for repaired " I work your "We tre day crebes. Salety is greatly extremed in ► CAA AM-Lowin my North Assess.

era and Bures horne research on the Bulook office verted with the refine Lown and studen were stude of so Two DC-68s on codes from Dourles

Prescript Response-North American "We have sowed the ords in the

condert and mich. Facing to the one your or the wire close not obstruct with hity These seeks are considerably stronger than regular seats. Facility the



VALVE DIVISION Thompson Products, Inc.

YOU CAN COURT ON THOMPSON

were photographed after first overhaul. TPM is the new valve material develoced by Thompson to give greater at value operating temperatures TPM is a result of Thomosop's yest experience

in valve development and knowledge of the Other Thomson "firsts" Include a new course allow for value heads and faces. and stem-possing to provide harder, more

AVAIDON WITE June 5, 1955.



FOR INSTALLATION AND MAINTENANCE OF LINK ELECTRONIC JET TRAINING EQUIPMENT



and Nevel Ariesian. Your reconstitution will include supervising the installation and long trace magnifestors of bubble magnifestal Lok-

at the Dinghomers, N. Y. place of Link Aviation, you will be neighed to a U.S. Air Freez or New et techning have in the U.S. Europe or the For Eart'

In addition to excellent have new and amount removes browler. a 20% hours of you receive on ancessor assignment.



the connecting link between ground and sky



was more confortable at taken and

· "Green mg on every teeling of safets." a "Abadutely harable Ven difficult

bucar corego is sough weather in concritise in ferrord mixing Slorper; Dawer, Colondo Springs, Oktobonia . The hosten is wonderful. The --

West Coast Final Mail Pay: \$1,614,528

West Cost Airlines find and arr of \$1.674.533 selecting on estimated mode of \$07.796 a year, her here were

the from lest Aug 1, date of ratigor

SWA Flies 2-0-2s Seethert Airvey latt week

Angeles to Medical

Seattle-Houston

Tourists Boost DAA Hascail Service.

As \$1% min over \$992 or band the few meeths ender Mar 2 has

Interchange Approved Dreet Scottle Hawton spage 134 President Jean T. Temper says non-





rgrocumets 200 ms radies. Three plants youd whale is temporary visity

Application FILLIOPESCENT and PHOSPHORESCENT IIIMINOUS MATTRIALS

· BOAC chairman says jet economy is improving. · Report cites advantages over piston transports.

Comet Gains

Arminia Wata May 11, p. 17). In a worse of the first Dissarch . Weather delets do not turne dimpoground entit it state clearer. The sets. Mantenuar Record for Miles on a

GOVERNMENT FROM BUILFPRINT TO . Errapous these such full load EIMIGUED DECORICTI Sembour has comblete tariffices . Course consens is best scienced by will seerly from morty symplical. depress The scale of a gradual

ofted with horse ness manerials according SAMPSON products lated * 600 for cusping aversional to non-scores.

held homes. Utshipotages from 10 po mather hours of utilization not day corner WILL HER DESCRIPTION DECORAGE

*Merhanial Improvement-Sr Mike

· Drwing rotten showed some real Comprisor blade costs haved no because ofentum State houses

Exemple with DOAC s petos courses.

company by Courts, Sw Miles or a

Element gust have "not home out persons feeleddags," Such seen or

skided "millipent medic during the

Telk on lets Cook Associates Administra The committee headed by

especialistics at Change Vision

Please of the cell for the CAA server

sentatives on U.S. confection of

CAB ORDERS

villare Assessed Uvelo, S.A. etc. let aproperlie New New Arless et el encount Mrs 27 Gales No. 87415

Investigation of tasif habiter soles of na

ing not for uppy an of down for a opa-net bearing May 27, E7814 Neshand & Western Address desired or

Wat Cost Addres Ital and an STOTEST propored-for a ST New 25

Constanues Mer Birton et al va Con-

custil excediture."

Great Airlines from

Little Airlines

orow -

and become GREAT assets to the commercial and military might of our Nation!

DRANG MURILD ADMILINGS of Names Ody and Nov. It was then that Harrie "Pee" Humber

ing those days with inc-ning horners; man posser TWA sped the mail across the country in 24 hours! Thus, so the gallon starroward of powered Fig. A. NORTH AMERICAN AIRLINES, as and product carrier planeuring are come to indus's tempo ment for the contribution in the development and greated of the Nation's sig transport against under

NORTH AMERICAN AIRLINES.

AVAIDOR WITH San & 1953





Colonal Velige gented remains to tancomer and Philadelphia on or about time 9 Mar IS \$17406 Jene 9 Van 25 E. 400 Interhedelig relationships of Paul Gase. Jr., et al. 44th Badwer Experts Agency ap-Staboard & Window William granted enempton to the stringer Sexultation New York May 27 horses and Sectional's had

poten, of and for passages death or repor-

BOFING CIECLE & IFAI Riddle Scotter docket pupisuse for aucheck valves---

point \$5.00,000 at and red per (Max-We Like Pilots Ame reported hours to us

. To hold low promuse gon fit her with rang lenkage

DESCRIPTION OF are speak for previous up to 5,000 to

and some her not have present door Arthur Lines and Front Version
Arthur high proposing sesting softenants to 10 passengers on 10C+ otech service
Archarate U.S. Secunded and and archer

or at lower trit orthost adequate or crossed parload capacity May 27 27761

SHORTLINES

would be about the same as deductor were *Appears Ashes his stand our

Figure Airlines, Indicesso City, May Jose me, opening St. Lean Property

spokerison som for CAB appared of des Bowst Assessh - Company

criftion possesses miles during its first Capital Aidises has sweeted a \$500 bend and title of True of the year on loss A. Derne a CAP sustrement

Colonal Arbers storts much south ► Dr Har/Raid of Comet 2 with Rolls

Filling Tiper Line perceit record six height traffic for April, strong P International Air Transport Associa-

AIR-PRATS w errorigaco le Cult de grocade dur a Pitellon William acomer tress Atlantic

Air Parts

► International Civil Avotine Organism

recover 20% to 14,522 miles not day wrongs to 19th DC-5 P. Northwest Saffrey crows 65 507 509

Pho Averion World Airest in-



---- 35

P Ruble Arbert requestor in a group.

Salesa Belgar Arbres has set up

B. of 200 cents Shell may of manager

Scobourd & Western reports April constant to 19% from a year ago to | GIR-PRRTS | ac week a batel of \$53,663 proposer plane.





New York - Westington, Bril. - Outland

AVIATION WITH June 5, 1988

SO THEY TELL US

(Special sidelight reports sent by Assessor, Wass, hill time staff members were and alread after they had salked such as and source of assetten leaders in preparing todas's owne)

Folgo-Text select as in the text right, to Keen, One were governing to considerating resident for a resolution of the conversion of the Keen selection of the Conversion of the Keen Seen Levil Force raw plate to read procurement the changes as self-read over generated ready to the Keen's ready. The seen as accommodated to the Conversion of the Conversio

The property of the property o

VIATION CALENDAR

Took Shore, Hood Statler, New York Jone; II 13.—Infelt seround All Wessers International for Renal Williams One: to New Servana Bank Fin, appeared by Nestex Neste Inc. June 18.—So capit seroun of the secondals of the International Deed Austran Chapter and Co. Josephan, England, Sensor in comonal of the Horn to New Service.

Inter B.-Sternich remove of the recently of the International Creal Austrian Cognination, Baghina, England, Samor is reported in his fitter in few wife vijess in 19-Spring rechnoling receiving of the Academ Worlding Society, Shounde, 1940. Hooring, per 1745-30d/per meeting of trainin-Distribution, and Abundenbown Area Challen Links Allender, Consult

The second of th

trette tax Nation Callege of Palecrees. Femelus, III.

ble 37—Counts All Visions Transcentsreset for Race don Line race, Mars, to Long Reck, Calle.

ble 43—Defendence of Calor County Acjoint Medium, III.

ble 431—Self-Self-Registered Arrigue Ex-

Thomas Disease, TAS Building, Los Asginis Call age 2-sharedly. Tex., Jeyron Air. Part charantee of Fish missensing of painwest Bight. Testor and Auport of 32—French national paragraph Baltonia county Assessmental Federators. Zurich

Aug WEB-Wober Entrance Show and Circuration, San Passesson. Aug 20-26-femilia Networkers Medical Partie Cortex, quantized by Physical Notice Corp., Solinday AFD and Folla Inh Debail. See 28-Gyering of the mich logil can writted meeting, Integrational Cord Acres

from Unphalation, No. do Basico, Spit 97-billioni Annual Basico and Vite 1921 97-billioni Annual Basico and Vite (Glasi Mencelel Arqui et Spit 243-billioni Annual International and Nat. Leaders. Sense of Nat. Societies, Spit 243-billioni Annual International Spit 243-billioni Annual International Spit 243-billioni Annual International Spit 243-billioni Annual International Spit 244-billioni annual neeting, Nolement Falsonia annual neeting, NoADVERTISERS IN THIS ISSUE

B. A CONTROL OF THE STATE OF TH

Common Mary Womanaya Caralle C

James - Home Account (1)
James - Home Account (1)
James - Home Control (1)
James - Home - Hom

Controllerance Statements (Sept. 2014). Some of the Controllerance of the Controllerance

CENTRIFU
CASTINA

CAS

CA. - ELIVER S. 1965.

**STATE CONTROL OF THE STATE OF TH

MARKET CO WE S.

SCARRESTON SOCIETY SOCIETY
SCHOOL VANCOUS

Where to Buy

TOTAL TOPOLOGY STORY
Friday Works
Friday Works
Friday Works
Friday Works
Friday







GLASS However had aluminous date status due to envision and breathing Absolute dispendiality per our by theusends of sours Right time on receptocoding and act stogues. Write for new orthing.



PENTAGON STATEMENT ON REVISED AIR BUDGET

(Mainter of the respectance of the Europhon or Administrators proposed about the proposed being for the force over 1975 Universal. Where publishes the full text of on official transcent leanded to Proposed on the office of the Text of the office of the the office of the Text of the Office of the

DIFFECT OF 110 IN YIND 164 ELECTION AND PROCESSOR SHOWS THE ADMINISTRATION OF PROCESSOR SHOWS THE ADMINISTRATION OF THE ADMINISTRATI

See the street of the street o

Not a combat, place in 2000 Marine that no result will be discussed in place in 2000 Marine and produces in the III Section from the III Section in III Section

of interestive rouge, in the new holder "There is no relative tables in the holdering for each or of only row. Under holde the are holder and the Trausan hades the rose ansates of eighteenth breaking are should be both room, with soulow or had to be the state of the soul of the contract of the eighteenth breaking are the sould need to be expected become available more than the sould be sould be the supposed become sould be sould be sould be the supposed to the sould be provided to the sould be sould be sould be sould be provided to the sould be sould be sould be sould be sould be the present parts are cought a substantial model to the sould be the present parts are cought a substantial model to the sould be the present parts are cought a substantial model to the sould be the present parts are cought as the sould be sould be sould be the present parts and the sould be sould be sould be sould be the sould be sould be sould be sould be sould be sould be the sould be the sould be the sould be the sould be the sould be the sould be the sould be the sould be to sould be so Associated that there can be objected by IT meeting the site of the control of th

the interest of the control of the c

This are acheded for wheth gloves here shapped to the minus shape.

15.4 march: F-647-4 months
15.4 march: T-65-6 months

ANNONE IN LEAD TIME
The following lead home are referred on the Transac leadings:
If CL-26 search FCO-21 search
The search FCO-21 search
That are reach too long particularly on items that have lead
too as producted in the ft of the day of the like lead time
the first and went of the others can be sea to 18 months
FECUL SIDMANEY—CSPARMENT OF PRIMINER.

Control Service Control Contro

IN 3 for 1937.
[18] Myo circlestring 12 6 billion requested in large and servett in the Therms of the old of food 1994.

MICHICAUT BURNESSER TO BETWEENDENT OF DEFENSE ONCOUNTY.

Tokan second ONCOUNTY.

Tokan second food 1994 from the old of 1994 from the old of 1994 from the old of 1994 from 199

196 PECTIME AS CONFASION TO PROCESSA!

Under STATUMEN REPORT

Valve for Terram Indept by 1956 fear was shaded at very address that the same and the



Time-Saver FOR EXECUTIVES Fast-Thinker FOR PILOTS

 Sperry vZers Rouder* Flight Den in a "first deminer" calculator that is within the time for bury excessives others plots at a supplice, mound of lamons. That's stop stew and use greaves exponenties. — In pa and in — are company table. Executive craft, with data screen leading and a within the control to advanced.

per per or rough worder,

mail a The Phylis Devoue soliton obtain

All:

aboute through and radio pak sign
and combines the information or

mail sinch pro-classor indicator. The of

and ing or making landing apparable. Their completed means a convent reclaims plot on fragree and premarable plot to devote more time to other dottes.

40. Speny's Zera Render Phylic Derestor also is makely uportful for miskuny and posture of the place is seeing place in an fat Execution.



Comit Plantal Habitannamed the Savardi Harmonyton on in construction his with year on a pilot, is one of the and



CHEST MEGG. NEW YORK : CLENILARD - NEW CRICAGE - ENCORIVE - LOS ARBELES - SEATTLE - SAN FRANCISCO IN CRICAGO - SPERT CYTOSCOPE COMPANY OF CARLES - LIMITED - MONTREAL QUEBIC



YOU CAN WORRLE AN ORDINARY NUT AND BOLT with your fingers. This is the result of the tolerance spread permitted by the several classes of thread fit.



GRIPPING THE BOLT WITH A PERFECT FIT, ESNA's red elastic collar enforces a constant downward pressure that eliminates axial play, enforcing a pasitive cantact between laad-carrying sides of balt

and nut threads.





loosen under vibration.

cise adjustment, reuseability, protection against liquid seepage, and uni-FLASTIC STOP NUT CORPORATION OF AMERICA

form bolt loading. Mail our coupon for design information.

action of ESNA's famous red elastic collar, ELASTIC STOP nuts do not

Other important ESNA advantages include quick application and pre-

also maker of the



Dept. N36-625, 2330 Vauxhall Raad, Union, N. J. Please send the following free fastening information:			
ELASTIC STOP nut bulletin		 Here is a drawing of our product. Who self-lacking fastener would you suggest 	
Nome		Title	
Street			
		Zone State	